

Claims

What is claimed is:

1-10. (Canceled)

11. (Currently Amended) ~~A full interchange urban road system comprising, consisting of a road for motor vehicles; and, a traffic lane for non-motor vehicles arranged in essentially a grid pattern; essential a chessboard shaped road network with, wherein~~

said system consisting of a double-layer road structure, in which one layer of said double-layer road structure is a motor way on the ground and another layer is a footway at a suitable elevation above said motor way, wherein said footway is located, at least one of, over the motor way with the footway having a width substantially corresponding to the motor way, and/or above each side of said motor way wherein each of the motor way, or said footways with proper width are located at each side above the two sides of the footway; said motor way and the two side footways are connected cross with a passageway, or the two kinds of roads are both provided in urban road system respectively.

a first floor layer of buildings on the ground and beside the two side of road are a aerial layer that are used for parking area.

12. (Currently Amended) ~~A full interchange urban road system of claim 11, wherein said motor way comprises an expressway and a minor arterial, wherein an a separate type fly-over bridge is positioned at an expressway intersection, wherein arranged at a location of the two expressways intersecting, said minor arterial is a performs the function of ramp.~~

13. (Currently Amended) ~~A full interchange urban road system of claim 11, wherein at least a part of said footway layer proximate over an intersection of a collector street is constructed as ring pathway or aerial square.~~

14. (Currently Amended) ~~AmA full~~ interchange urban road system of claim 11, wherein said footways comprises a sidewalk and a traffic lane for non-motor vehicles provided at the same level.

15. (Currently Amended) ~~AmA full~~ interchange urban road system of claim 11, wherein a turnaround passageway is ~~positioned at least one or more of the following locations: expressway intersections and/or under an~~ designed at a location of or more than two expressways intersecting or under a separate type fly-over bridge of said expressways.

16. (Currently Amended) ~~AmA full~~ interchange urban road system of claim 12, wherein a minor arterial is provided between each two parallel said expressways as a ramp for ~~said parallel expressways~~ them and as a passageway leading to a subzone way.

17. (Currently Amended) ~~AmA full~~ interchange urban road system of any one of claim 11, 12, 13, 14, or 16, wherein a ~~plurality~~ first floor layer of buildings ~~positioned~~ on the ground and beside ~~said sides~~ the two side of said road, ~~each comprise a first floor layer at an aerial layer, wherein said first floor layer is provided for at least one of parking, urban forestation, transportation construction, and/or are a aerial layer that are also used for urban afforestation, construction for means of transportation, as well as circumnavigating of said vehieles~~ vehicle under emergency conditions; wherein said footways are connected with ~~a roof of said first floor layer of said buildings, and wherein said aerial layer is provided for parking~~ the building roof directly.

18. (Currently Amended) ~~AmA full~~ interchange urban road system of any one of claim 11, 12, 13, 14, or 16, wherein ~~at least one of a U-turn road and/or a special ramp within a city is provided near a branch road which is located at the boundary, and/or an~~ of city and in the city, or a separate type fly-over bridge for a left turn; is provided proximatedesigned at a branch road of said expressway, ~~wherein said~~ or a branch road is provided on the minor arterial.

19. (Currently Amended) ~~an~~ A full interchange urban road system of any one of claim 11, wherein latticework of said ~~essentially grid pattern chessboard shaped~~ road network is changeable in form, and ~~wherein said~~ the road is ~~at least one of a linear road and/or a curved road.~~

20. (Currently Amended) A traffic method of using the full interchange urban road system of claim 11, 12, 13, 14, 15, 16, or 19, comprising ~~an~~ a expressway and a minor arterial for constituting a motor way, ~~an a separate type fly-over bridge positioned~~ arranged at a location ~~of an expressway intersection, wherein said two expressways intersecting,~~ vehicles ~~at least one of travel going~~ straight ahead ~~and/or turn~~ turning to ~~at the~~ travel side, along ~~a the~~ travel direction on the expressway, ~~wherein vehicles can only turn~~ turning left on the expressway in a country or region where the traffic keeps to the left, ~~wherein and~~ vehicles ~~can only turn to the~~ turning right along the travel direction on the expressway at a country or region where the traffic keeps to the right, ~~and~~ wherein said minor arterial ~~is a performing the function of~~ is a ramp.